

California Regional Water Quality Control Board, Los Angeles Region

**Tissue, Sediment and Benthic Infauna Data
Lake Lindero**

Summary of Proposed Action

Proposed New Delistings

- Delist selenium in tissue because the listing was based on Median International Standards (MIS) for trace elements, which are outdated and no longer represent valid assessment guidelines.

This action affects the aquatic life beneficial uses.

Table 1. 303(d) Listing/TMDL Information

Waterbody Name	Lake Lindero	Pollutants/Stressors	Delete: Se (Tissue)
Hydrologic Unit	404.23	Source(s)	Historical use of pesticides
Total Waterbody Size	13.56	TMDL Priority	68
Size Affected	13.56	TMDL Start Date (Mo/Yr)	
Extent of Impairment	Entire lake	TMDL End Date (Mo/Yr)	

Watershed Characteristics

The Santa Monica Bay Watershed Management Area (WMA), which encompasses an area of 414 square miles, is quite diverse. Its borders reach from the crest of the Santa Monica Mountains on the north and from the Ventura-Los Angeles County line to downtown Los Angeles. From there it extends south and west across the Los Angeles plain to include the area east of Ballona Creek and north of the Baldwin Hills. South of Ballona Creek the natural drainage area is a narrow strip of wetlands between Playa del Rey and Palos Verdes. The WMA includes several watersheds the two largest being Malibu Creek to the north and Ballona Creek to the south. While the Malibu Creek area contains mostly undeveloped mountain areas, large acreage residential properties and many natural stream reaches; Ballona Creek is predominantly channelized, and highly developed with both residential and commercial properties.

Water Quality Objectives Not Attained

Median International Standards are outdated and have been determined to no longer represent valid assessment guidelines.

Beneficial Uses Affected

Aquatic Life

Data Assessment

Tissue (98): chlordane, toxaphene

Table 2. Summary of Tissue Data for Lake Lindero

Dates of Sampling	6/24/98
Number of Samples (n)	1 (fish tissue)
Minimum Data Value	
Maximum Data Value	Total chlordane: 15.1 ppb Toxaphene: 26.2 ppb
Median Data Value	
Arithmetic Mean Value	
Standard Deviation	
Number (Percent) above Objective	Chlordane: 1 (100 %) Toxaphene: 1 (100 %)

This table may summarize additional data not relevant to this factsheet that supports a continued listing for this waterbody.

Potential Sources

Historical use of pesticides.

References

Toxic Substances Monitoring Program database.